

HISTORIC AMERICAN ENGINEERING RECORD

HAER
WIS,
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**Mississippi River Nine-Foot Channel Project,
Lock and Dam Number 9**

HAER No. WI-50

Lynxville vicinity
Crawford County
Allamakee County, Iowa
Wisconsin

NOTE: Photographs WI-50-1 through WI-50-59 were taken by Clayton B. Fraser,
photographer, August 1987 (*negs are 4"x5" format*)

- WI-50-1 OVERALL VIEW OF DAM AND LOCKS, LOOKING WEST, DOWNSTREAM
- WI-50-2 OVERALL VIEW OF DAM, LOOKING NORTH, UPSTREAM
- WI-50-3 DETAIL VIEW OF DAM, SHOWING ROLLER GATES, GATE PIERS, HEADHOUSE AND
DAM BRIDGE, LOOKING NORTH, UPSTREAM
- WI-50-4 DETAIL VIEW OF DAM, SHOWING TANTER GATES, GATE PIERS, HEADHOUSE
AND DAM BRIDGE, LOOKING NORTH, UPSTREAM
- WI-50-5 DETAIL VIEW OF DAM, SHOWING ROLLER AND TANTER GATES, GATE PIERS,
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- WI-50-7 DETAIL VIEW OF DAM, SHOWING ROLLER GATES, GATE PIERS, HEADHOUSES
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CHAIN AND GATE HEATER, LOOKING WEST
- WI-50-10 DETAIL VIEW OF ROLLER GATE, SHOWING GATE FLANGE AND TUBE, ROLLER
TRACK AND CHAIN, LOOKING WEST
- WI-50-11 INTERIOR VIEW OF HEADHOUSE, SHOWING ROLLER GATE LIFTING MACHINERY,
LOOKING NORTHEAST
- WI-50-12 INTERIOR VIEW OF HEADHOUSE, SHOWING ROLLER GATE LIFTING MACHINERY,
LOOKING SOUTH

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CHAIN, LOOKING SOUTH
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WI-50-28 OVERALL VIEW OF EARTH DIKE, LOOKING NORTH

WI-50-29 OVERALL VIEW OF SUBMERSIBLE DAM, LOOKING NORTHWEST

WI-50-30 OVERALL VIEW OF MAIN (LEFT) AND AUXILIARY (RIGHT) LOCKS, LOOKING
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WI-50-31 INTERIOR VIEW OF MAIN LOCK, WITH CENTRAL CONTROL STATION IN RIGHT
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WI-50-32 INTERIOR VIEW OF AUXILIARY LOCK, LOOKING NORTHEAST, UPSTREAM

WI-50-33 VIEW SHOWING UPSTREAM GUIDE WALL OF MAIN LOCK, LOOKING NORTHEAST

WI-50-34 VIEW SHOWING TILE GAUGE IN GUIDE WALL OF MAIN LOCK, LOOKING
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WI-50-35 VIEW OF MAIN LOCK UPSTREAM MITER GATE, LOOKING EAST

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WI-50-37 VIEW OF AUXILIARY LOCK MITER GATE MACHINERY WELL, LOOKING NORTHEAST

WI-50-38 VIEW OF MAIN LOCK TANTER VALVE MACHINERY AND WELL, LOOKING EAST

WI-50-39 VIEW OF AUXILIARY LOCK TANTER VALVE MACHINERY WELL, LOOKING SOUTH

WI-50-40 VIEW OF MAIN LOCK WINCH, WITH REPLACEMENT WINCH AND MITER GATE
CONTROL STATION IN BACKGROUND, LOOKING SOUTHWEST

WI-50-41 VIEW OF BOAT LAUNCH, LOOKING WEST

WI-50-42 VIEW OF STAGE RECORDER AT END OF UPSTREAM GUIDE WALL, LOOKING
NORTHEAST. (Several hours after this view was taken, the stage
recorder was hit and heavily damaged by a grain barge.)

WI-50-43 VIEW OF STAGE RECORDER AT END OF DOWNSTREAM GUIDE WALL, LOOKING
SOUTHWEST

WI-50-44 VIEW OF UPSTREAM GUIDE WALL, SHOWING LIGHT STANDARD, LOOKING
NORTHEAST

WI-50-45 OVERALL VIEW OF ESPLANADE, LOOKING NORTHEAST

WI-50-46 OVERALL VIEW OF ESPLANADE, LOOKING SOUTHWEST

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- WI-50-47 VIEW OF CENTRAL CONTROL STATION, LOOKING NORTH
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LOOKING EAST
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LOOKING WEST
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CENTRAL CONTROL PANEL AND GENERATOR MOTOR, LOOKING SOUTHWEST
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PANEL DETAIL, LOOKING SOUTH
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PANEL DETAIL, LOOKING SOUTH
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- WI-50-56 VIEW OF LOCKKEEPER'S HOUSE (MOVED FROM ESPLANADE), LOOKING EAST
- WI-50-57 VIEW OF LOCKKEEPER'S HOUSE (MOVED FROM ESPLANADE), LOOKING NORTH
- WI-50-58 DETAIL VIEW OF FRONT ENTRANCE OF LOCKKEEPER'S HOUSE (MOVED FROM
ESPLANADE), LOOKING WEST
- WI-50-59 VIEW OF LOCKKEEPER'S GARAGE IN DAM ESPLANADE, LOOKING NORTHEAST

The following are photocopies of photographs, courtesy of the U. S. Engineer's Office, St. Paul, Minnesota. Original prints are located at Mississippi River Lock and Dam Number 9:

- WI-50-60 VIEW OF AGGREGATE CONVEYOR SYSTEM, July 16, 1934
- WI-50-61 VIEW OF MAIN LOCK, DOWNSTREAM, September 17, 1934
- WI-50-62 GENERAL VIEW OF TAITER GATE SECTION, SHOWING STEEL ERECTION,
December 22, 1936

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WI-50-63 GENERAL VIEW OF OPERATIONS IN COFFERDAM NO. 2, June 28, 1937
WI-50-64 GENERAL VIEW OF COFFERDAM NO. 2, July 30, 1937
WI-50-65 VIEW OF ROLLER GATE OPERATING MACHINERY IN PLACE, August 13, 1937
WI-50-66 VIEW OF UPSTREAM AREA OF COFFERDAM NO. 2, September 29, 1937
WI-50-67 GENERAL VIEW, May 26, 1938

The following are photocopies of original construction drawings, photographer unknown. Original prints are in the possession of the U. S. Army Corps of Engineers, St. Paul District, St. Paul, Minnesota: *(neg format 5"x7")*

WI-50-68 LOCK - INDEX (ML-9-0/1-FS), dated October 1933
WI-50-69 DAM - INDEX (ML-9-0/1-FS), dated January 1936
WI-50-70 DAM - SITE MAP (ML-9-10/5-FS), dated January 1936
WI-50-71 LOCK - GENERAL PLAN (ML-9-20/1-FS), dated November 1933
WI-50-72 ESPLANADE UTILITIES - GENERAL PLAN (ML-9-38/5-FS), dated November 1938
WI-50-73 ESPLANADE - SITE MAP (ML-9-38/10-FS), dated March 1939
WI-50-74 ESPLANADE - GENERAL PLAN (ML-9-38/12-FS), dated March 1939
WI-50-75 DAM - MOVABLE DAM - GENERAL PLAN (ML-9-40/1-FS), dated January 1936
WI-50-76 DAM - STEEL SHEET PILING LAYOUT (ML-9-40/4-FS), dated January 1936
WI-50-77 DAM - PILE SPACING - PIER 4 TO PIER 9 INCLUSIVE (ML-9-40/6-FS), dated January 1936
WI-50-78 DAM - ROLLER GATE OPERATING MACHINERY ELEVATIONS (ML-9-54/2-FS), dated January 1936
WI-50-79 DAM - ROLLER GATE OPERATING MACHINERY PLAN & SECTIONS (ML-9-54/3-FS), dated January 1936
WI-50-80 DAM - ROLLER GATE OPERATING MACHINERY GEARS (ML-9-54/5-FS), no date

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- WI-50-81 DAM - TAINTER GATE OPERATING MACHINERY - GENERAL PLAN
(ML-9-55/1-FS), dated January 1936
- WI-50-82 DAM - TAINTER GATE OPERATING MACHINERY ASSEMBLY (ML-9-55/2-FS),
dated January 1936
- WI-50-83 CENTRAL CONTROL STATION - GENERAL ARRANGEMENT OF EQUIPMENT
(ML-9-71/1-FS), dated September 1936

NOTE: Negatives are 5" x 7" format.